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	60/184,664	24 February 2000 (24.02.2000)	US	8 September 2000 (08.09.2000)
	60/186,350	2 March 2000 (02.03.2000)	US	8 September 2000 (08.09.2000)
	60/189,874	16 March 2000 (16.03.2000)	US	8 September 2000 (08.09.2000)
	60/190,076	17 March 2000 (17.03.2000)	US	8 September 2000 (08.09.2000)
	60/198,123	18 April 2000 (18.04.2000)	US	12 September 2000 (12.09.2000)
	60/205,515	19 May 2000 (19.05.2000)	US	14 September 2000 (14.09.2000)
	60/209,467	7 June 2000 (07.06.2000)	US	14 September 2000 (14.09.2000)
	60/214,886	28 June 2000 (28.06.2000)	US	14 September 2000 (14.09.2000)
	60/215,135	30 June 2000 (30.06.2000)	US	14 September 2000 (14.09.2000)
	60/216,647	7 July 2000 (07.07.2000)	US	14 September 2000 (14.09.2000)
	60/216,880	7 July 2000 (07.07.2000)	US	14 September 2000 (14.09.2000)
	60/217,487	11 July 2000 (11.07.2000)	US	14 September 2000 (14.09.2000)
	60/217,496	11 July 2000 (11.07.2000)	US	14 September 2000 (14.09.2000)
	60/218,290	14 July 2000 (14.07.2000)	US	21 September 2000 (21.09.2000)
	60/220,963	26 July 2000 (26.07.2000)	US	21 September 2000 (21.09.2000)
	60/220,964	26 July 2000 (26.07.2000)	US	25 September 2000 (25.09.2000)
	60/225,757	14 August 2000 (14.08.2000)	US	25 September 2000 (25.09.2000)
	60/225,270	14 August 2000 (14.08.2000)	US	26 September 2000 (26.09.2000)
	60/225,447	14 August 2000 (14.08.2000)	US	27 September 2000 (27.09.2000)
	60/225,267	14 August 2000 (14.08.2000)	US	27 September 2000 (27.09.2000)
	60/225,758	14 August 2000 (14.08.2000)	US	29 September 2000 (29.09.2000)
	60/225,268	14 August 2000 (14.08.2000)	US	29 September 2000 (29.09.2000)
	60/224,518	14 August 2000 (14.08.2000)	US	29 September 2000 (29.09.2000)
	60/224,519	14 August 2000 (14.08.2000)	US	29 September 2000 (29.09.2000)
	60/225,759	14 August 2000 (14.08.2000)	US	29 September 2000 (29.09.2000)
	60/225,213	14 August 2000 (14.08.2000)	US	2 October 2000 (02.10.2000)
	60/225,266	14 August 2000 (14.08.2000)	US	2 October 2000 (02.10.2000)
	60/225,214	14 August 2000 (14.08.2000)	US	2 October 2000 (02.10.2000)
	60/226,279	18 August 2000 (18.08.2000)	US	2 October 2000 (02.10.2000)
	60/226,868	22 August 2000 (22.08.2000)	US	2 October 2000 (02.10.2000)

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(54) Title: NUCLEIC ACIDS, PROTEINS AND ANTIBODIES

(57) Abstract: The present invention relates to novel proteins. More specifically, isolated nucleic acid molecules are provided encoding novel polypeptides. Novel polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human polynucleotides and/or polypeptides and antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to these novel polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting or enhancing the production and function of the polypeptides of the present invention.

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